

Message Text

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TO AMEMBASSY OTTAWA PRIORITY

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SUBJECT:BALLOON FLIGHTS--MOU AND DIPLOMATIC NOTE

TEXT OF DIPLOMATIC NOTE AS FOLLOWS: QUOTE: DIPLOMATIC
NOTE (TITLE UNDERSCORED) PARA. THE EMBASSY OF THE UNITED
STATES OF AMERICA PRESENTS ITS COMPLIMENTS TO THE DEPART-
MENT OF EXTERNAL AFFAIRS AND HAS THE HONOR TO REFER TO ITS
NOTE NO. 119 OF JULY 15, 1974, AND TO RECENT DISCUSSIONS
BETWEEN OFFICIALS OF THE DEPARTMENT AND OTHER INTERESTED
AGENCIES OF THE GOVERNMENT OF CANADA, AND OFFICIALS OF THE
EMBASSY AND THE NATIONAL SCIENTIFIC BALLOON FACILITY (NSBF)
OF THE NATIONAL CENTER FOR ATMOSPHERIC RESEARCH (NCAR), A
NATIONAL RESEARCH CENTER OWNED BY THE NATIONAL SCIENCE
FOUNDATION (NSF) AND OPERATED BY THE UNIVERSITY CORPORATION
FOR ATMOSPHERIC RESEARCH (UCAR) UNDER CONTRACT WITH THE
NSF. THE EMBASSY IS PLEASED TO INFORM THE DEPARTMENT THAT
PLANS ARE ENTERING INTO THEIR FINAL STAGE FOR THIS YEAR'S
SERIES OF COOPERATIVE BALLOON LAUNCHES. IF THE PROGRAM
PROCEEDS AS IT IS BEING PLANNED, THE ACTIVITIES THIS YEAR
WILL BE CONSIDERABLY MORE EXTENSIVE THAN THOSE OF LAST YEAR
AND WILL INVOLVE BALLOON FLIGHTS FOR TWO DIFFERENT CANADIAN
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ORGANIZATIONS AND FOR THE NCAR.

FULL PARA. A TOTAL OF SIX BALLOON FLIGHTS ARE PLANNED.
THESE INCLUDE:

SUBPARA (1). FOUR BALLOON FLIGHTS IN SUPPORT OF EXPERIMENTS CONDUCTED BY THE UNIVERSITIES OF TORONTO, SASKATCHEWAN, YORK, AND CALGARY UNDER SPONSORSHIP OF THE ATMOSPHERIC ENVIRONMENT SERVICE OF THE CANADIAN DEPARTMENT OF THE ENVIRONMENT. THESE EXPERIMENTS INCLUDE STUDIES OF THE CHEMISTRY OF STRATOSPHERIC CONSTITUENTS AND MEASUREMENTS OF THE SOLAR ULTRAVIOLET FLUX;

SUBPARA (2). A BALLOON FLIGHT IN SUPPORT OF THE UNIVERSITY OF CALGARY, UNDER THE SPONSORSHIP OF THE NATIONAL RESEARCH COUNCIL OF CANADA. THIS EXPERIMENT WILL CONDUCT HIGH RESOLUTION MEASUREMENTS OF THE FAR INFRARED SPECTRUM OF THE SUN;

SUBPARA (3). A BALLOON FLIGHT IN SUPPORT OF AN NCAR SCIENTIST TO COLLECT SEVERAL SAMPLES OF STRATOSPHERIC AIR AT VARIOUS ALTITUDES.

FULL PARA. THE PROPOSED LAUNCH SITE IS YORKTON AIRPORT, YORKTON, SASKATCHEWAN.

FULL PARA. THE FLIGHTS WILL BEGIN DURING THE THIRD WEEK OF JULY. INDIVIDUAL BALLOON WILL BE LAUNCHED AT APPROXIMATELY FOUR-DAY INTERVALS UNTIL THE COMPLETION OF THE PROGRAM. THE PROGRAM WILL BE TERMINATED BY AUGUST 30 REGARDLESS OF THE NUMBER OF FLIGHTS FLOWN.

FULL PARA. ALL LAUNCHES WILL BE CONDUCTED IN ACCORDANCE WITH CONDITIONS SPECIFIED BY THE DEPARTMENT OF TRANSPORT FOR THE PROTECTION OF AIR TRAFFIC IN CANADIAN AIR SPACE.

FULL PARA. THE COOPERATING SCIENTISTS PLAN TO SHARE FULLY THE DATA COLLECTED IN THIS SERIES OF FLIGHTS.

FULL PARA. FINAL DETAILS CONCERNING RESPONSIBILITIES OF PARTICIPATING AGENCIES OF THE GOVERNMENTS OF THE UNITED STATES AND CANADA SHALL BE SET FORTH IN A MEMORANDUM OF UNDERSTANDING BETWEEN THE NSF AND THE CANADIAN DEPARTMENT OF SUPPLY. UNQUOTE

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STATES AND CANADA SHALL BE SET FORTH IN A MEMORANDUM OF UNDERSTANDING BETWEEN THE NSF AND THE CANADIAN DEPARTMENT OF SUPPLY. UNQUOTE

TEXT OF MOU AS FOLLOWS: QUOTE: MEMORANDUM OF UNDERSTANDING (TITLE UNDERSCORED) PARA. THIS IS A MEMORANDUM OF UNDERSTANDING EFFECTIVE ON THE DATE DULY SIGNED BY: (1) THE DEPARTMENT OF SUPPLY AND SERVICES OF THE GOVERNMENT OF CANADA, ACTING ON BEHALF OF THE NATIONAL RESEARCH

COUNCIL OF CANADA (HEREINAFTER REFERRED TO AS THE NRC) AND THE CANADIAN ATMOSPHERIC ENVIRONMENT SERVICE (HEREINAFTER REFERRED TO AS THE AES) AND; (2) THE NATIONAL SCIENCE

FOUNDATION (HEREINAFTER REFERRED TO AS THE NSF), WHOSE CONTRACTOR IS THE UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH (HEREINAFTER REFERRED TO AS UCAR). UCAR OPERATES, UNDER CONTRACT WITH NSF, THE NATIONAL CENTER FOR ATMOSPHERIC RESEARCH AND THE NATIONAL SCIENTIFIC BALLOON FACILITY (HEREINAFTER REFERRED TO AS THE NSBF). THIS MEMORANDUM OF UNDERSTANDING IS PURSUANT TO AN EXCHANGE OF NOTES BETWEEN THE GOVERNMENT OF CANADA AND THE GOVERNMENT OF THE UNITED STATES OF AMERICA AUTHORIZING THE PROGRAM HEREINAFTER DESCRIBED.

FULL PARA. AS SET FORTH IN THIS MEMORANDUM, THE NSBF WILL PROVIDE LAUNCHING, TRACKING AND RECOVERY SERVICES FOR A SERIES OF SIX SCIENTIFIC BALLOON FLIGHTS TO BE LAUNCHED FROM YORKTOWN, SASKATCHEWAN, CANADA IN AUGUST 1975. THIS FLIGHT SERIES WILL CONSIST OF ONE FLIGHT FOR UCAR, ONE FLIGHT FOR THE UNIVERSITY OF CALGARY AND FOUR FLIGHTS FOR THE AES.

PARA I. SPECIFIC UNDERTAKINGS ON THE PART OF NSF (ACTING THROUGH ITS CONTRACTOR, UCAR) (TITLE UNDERSCORED)

SUBPARA 1. CONDUCT A SURVEY TRIP TO CANADA TO DISCUSS PROPOSED FLIGHT REQUIREMENTS WITH APPROPRIATE AGENCIES AND INVESTIGATE AVAILABILITY OF FACILITIES AND SUITABLE LAUNCH AREAS.

SUBPARA 2. PROVIDE LAUNCH AND RECOVERY SERVICES, INCLUDING UNCLASSIFIED

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NECESSARY EQUIPMENT.

SUBPARA 3. PROVIDE AIRBORNE AND GROUND ELECTRONIC SUPPORT EQUIPMENT.

SUBPARA 4. PROVIDE FIELD SUPPORT PERSONNEL.

SUBPARA 5. PROVIDE FOR THE MOVEMENT OF NSBF PERSONNEL, EQUIPMENT AND SUPPLIES TO CANADA AND RETURN.

SUBPARA 6. ASSURE COMPLIANCE WITH CANADIAN AIR SAFETY REGULATIONS REGARDING BALLOON FLIGHTS.

PARA II. SPECIFIC UNDERTAKINGS ON THE PART OF AES (TITLE UNDERSCORED)

SUBPARA 1. ARRANGE ALL NECESSARY CLEARANCES, INCLUDING: CUSTOMS; EXEMPTIONS FOR EQUIPMENT TO BE RETURNED TO THE

U.S. OR EXPENDED DURING THE FIELD PROGRAM, ETC.

SUBPARA 2. COORDINATE THE EFFORTS OF CANADIAN AGENCIES

CONCERNED WITH THE PROGRAM.

SUBPARA 3. OBTAIN PERMISSION TO UTILIZE NSBF RADIO FREQUENCIES IN CANADA FOR THE DURATION OF THE PROGRAM.

SUBPARA 4. ACT AS COLLABORATOR AND HOST AGENCY FOR THE PROGRAM.

SUBPARA 5. PROVIDE RADIOSONDE SUPPORT PERSONNEL.

SUBPARA 6. PROVIDE SCIENTIFIC GONDOLAS AND EQUIPMENT TO THE LAUNCH SITE.

PARA III. SPECIFIC UNDERTAKINGS ON THE PART OF NRC (TITLE UNDERSCORED)

SUBPARA 1. PROVIDE SCIENTIFIC GONDOLAS AND EQUIPMENT.

SUBPARA 2. ARRANGE FOR TRANSPORTATION OF EQUIPMENT AND UNCLASSIFIED

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PERSONNEL TO THE LAUNCH SITE.

PARA IV. ESTIMATED COST OF PROGRAM (TITLE UNDERSCORED)
PARA. IN CONSIDERATION OF THE COOPERATIVE NATURE OF THIS PROGRAM, ALL EXPENSES INCURRED BY THE NSBF WILL BE SHARED BY THE THREE PARTICIPANTS, UCAR, AES AND NRC, ON THE BASIS OF NUMBER OF FLIGHTS (I.E., ONE-SIXTH BY UCAR, ONE-SIXTH BY NRC AND FOUR-SIXTHS BY AES). SUCH EXPENSES SHALL INCLUDE, BUT ARE NOT LIMITED TO, SALARIES, TRAVEL, PER DIEM AND TRANSPORTATION COSTS.

FULL PARA. IT IS ESTIMATED THAT THE TOTAL COST OF THIS PROGRAM, EXCLUDING BALLOONS AND HELIUM, WILL BE APPROXIMATELY \$36,000. THE RESPECTIVE GROUPS WILL BE INVOICED AT COST BY THE NSBF FOR BALLOONS AND HELIUM NECESSARY TO FULFILL INDIVIDUAL FLIGHT REQUIREMENTS.

PARA V. REIMBURSEMENT (TITLE UNDERSCORED) PARA. THE DEPARTMENT OF SUPPLY AND SERVICES OF THE GOVERNMENT OF CANADA WILL REIMBURSE THE NSBF FOR ALL COSTS IN ACCORDANCE WITH THE PROVISIONS OF ARTICLE IV.

PARA VI. DURATION OF MEMORANDUM OF UNDERSTANDING (TITLE UNDERSCORED) PARA. THIS MEMORANDUM OF UNDERSTANDING SHALL BE IN EFFECT FROM THE DATE OF ITS EXECUTION

THROUGH JUNE 30, 1976.

PARA VII. TITLE TO PROPERTY (TITLE UNDERSCORED) PARA. TITLE TO ALL EQUIPMENT AND OTHER PERSONAL PROPERTY FURNISHED BY NSF OR UCAR SHALL REMAIN VESTED IN THE

GOVERNMENT OF THE UNITED STATES.

PARA VIII. LIABILITY (TITLE UNDERSCORED) PARA. EXCEPT WITH RESPECT TO THE ONE FLIGHT BEING FLOWN ON BEHALF OF UCAR, THE GOVERNMENT OF CANADA SHALL HOLD UCAR, NSF AND THE GOVERNMENT OF THE UNITED STATES HARMLESS AND INDEMNIFY THE SAME FOR ANY CLAIMS FOR DAMAGE TO PROPERTY OR INJURY OR DEATH TO PERSONS ARISING OUT OF THE ACTIVITIES DESCRIBED ABOVE TO THE EXTENT SUCH CLAIMS EXCEED OR ARE NOT COVERED BY UCAR'S INSURANCE. FOR THIS PURPOSE, UCAR HAS UNCLASSIFIED

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TAKEN OUT INSURANCE TO COVER RISKS ARISING OUT OF BALLOON FLIGHTS IN THE AMOUNT OF TWENTY MILLION U.S. DOLLARS (\$20,000,000) AND RISKS NOT ARISING OUT OF EACH FLIGHT IN THE AMOUNT OF FIVE MILLION U.S. DOLLARS (\$5,000,000).

PARA IX. SIGNATORY AUTHORITY (TITLE UNDERSCORED) PARA. NSF AGREES THAT THE DEPARTMENT OF SUPPLY AND SERVICES OF THE GOVERNMENT OF CANADA MAY EXECUTE THIS DOCUMENT ON BEHALF OF THE NRC AND AES AND THE DEPARTMENT OF SUPPLY AND SERVICES OF THE GOVERNMENT OF CANADA WARRANTS THAT IT HAS SUCH AUTHORITY. END QUOTE.

MOU TO BE SIGNED BY NSF AND DEPARTMENT OF SUPPLY AND SERVICES. INGERSOLL

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<< END OF DOCUMENT >>

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